



Timothy Brandenburg Drilling Manager

Union Oll Company of California 3800 Centerpoint Drive Suite 100 Anchorage, AK 99503 Tel 907 263 7657 Fax 907 263 7884 Email brandenburgt@chevron.com

January 19, 2012

Director, Office of Compliance and Enforcement Attention: Data Entry Staff United States Environmental Protection Agency, Region 10 1200 Sixth Avenue, OCE-133 Seattle, WA 98101 RECEIVED

JAN 23 2012

DEC Division of Water Quality Wastewater Discharge Program

RETURN RECEIPT REQUESTED - CERTIFIED MAIL 91 7011 2970 0001 9276 5632

Re: NPDES Permit No. AKG-31-5001

Granite Point Tank Farm December 2011 Discharge Monitoring Reports (DMR)

To whom It may concern:

Union Oil Company of California ("Union") operates the Granite Point Tank Farm that discharges regulated effluents in Cook Inlet, Alaska under NPDES Permit No. AKG-31-5001. Pursuant to condition VI.B of the Permit, Union Oil Company of California is hereby submitting the December 2011 NPDES Discharge Monitoring Reports (DMRs) for the Granite Point Tank Farm.

Please take note that Union is using the forms provided by EPA with corrections to accommodate the reporting that is required by the permit. The corrections were approved by your Data Steward in an e-mail to Marilu Moreno-Jones dated September 3, 2010. Union plans to use this same format for our future DMR submittals.

Consistent with the authorization in your e-mail of September 16, 2010, this letter certifies all of the 5 pages of DMRs for Granite Point Tank Farm attached to this letter.

If you have any questions, please direct them to Mr. Rodney Bailey at (432) 687-7123 or via e-mall at bailerg@chevron.com.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Best regards,

Timothy Brandenburg

cc: ADEC / Certified Mail 91 7011 2970 0001 9276 5649

Director, Office of Compliance and Enforcement US Environmental Protection Agency January 19, 2012 Page 2

bcc: Susan Saupe, CIRCAC

Facility Operations Supervisors
HES 2011 NPDES DMR – GPTF File
HES 2011 NPDES DMR – REGIONAL File
Patrick Moore, Exxon-Mobile

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NAME: UNION OIL COMPANY OF CALIFORNIA (UNOCAL) PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

ADDRESS: P.O. BOX 196247

FACILITY: GRANITE POINT TANK FARM ANCHORAGE, AK 99519-6247

ATTN: JOHN ZAGER, GENERAL MANAGER LOCATION: COOK INLET, Alaska

FROM

MM/DD/YYYY 12/01/2011

MM/DD/YYYY 12/31/2011

5

PERMIT NUMBER AKG315001 MONITORING PERIOD

015-A

DISCHARGE NUMBER

DMR Mailing ZIP CODE: 99519

OMB No. 2040-0004 Form Approved

PRODUCED WATER AND SAND (SUBR 02)

External Outfall

No Discharge X

PARAMETER		QUANT	QUANTITY OR LOADING	3		QUALITY OR CONCENTRATION	CENTRATION		NO.	FREQUENCY OF ANALYSIS	SAMPLE
		VALUE	VALUE	STINU	VALUE	VALUE	VALUE	STINU	7		TYPE
H	SAMPLE MEASUREMENT	******	***	*****							
00400 V 0	PERMIT	*****	******	*****	6	*****	9	SU			
See Comments	REQUIREMENT				MINIMUM		MAXIMUM			Monthly	GRAB
PΗ	SAMPLE MEASUREMENT	******		*****		******					
00400 W 0	PERMIT	*****	******	******	6	******		2			
See Comments	REQUIREMENT				MINIMUM		MAXIMIM	ď		Weekly	GRAB
Oil and grease	SAMPLE						The Control of the				
	MEASUREMENT		******	******	***						
03582 T 0	PERMIT	******	******	******	*****	29	42	ma/i			
See Comments	REQUIREMENT					MO AVG	DAILY MX	9		Weekly	GRAB
Oil and grease	SAMPLE	******	*****	*****	*****						
03582 U 0	PERMIT	******	******	******	******	29	43	mod	L		
See Comments	REQUIREMENT					MO AVG	DAILY MX	9,1		Weekly	COMP24
Flow, in conduit or thru treatment*	SAMPLE										
plant	MEASUREMENT				******	*****	*****	******			
50050 1 0 Effluent Gross	REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	mgd	****	****	******	*****		Monthly	ESTIMA
Produced water, free oil	SAMPLE MEASUREMENT	******			*****	•	******				
79834 1 0 Effluent Gross	PERMIT	*****	Req. Mon. MO TOTAL	occur/mo	reares	*****	******	*****		Daily	VISUAI

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COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Mid Continent/Alaska Business Unit John Zager, General Manager TYPED OR PRINTED

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EPA Form 3320-1 (Rev.01/06) Previous editions may be used

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER
OR AUTHORIZED AGENT

AREA Code

NUMBER

(907) 276-7600 TELEPHONE

01/19/2012 MM/DD/YYYY

DATE

T = GRAB SAMPLE
U = COMPOSITE SAMPLE
V = DISCHARGE < 1 MGD (PREVIOUS MONTH'S AVG RATE)
W = DISCHARGE > 1 MGD (PREVIOUS MONTH'S AVG RATE)

OMB No. 2040-0004 Form Approved

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: ADDRESS: UNION OIL COMPANY OF CALIFORNIA (UNOCAL) P.O. BOX 196247 ANCHORAGE, AK 99519-6247

LOCATION: COOK INLET, Alaska FACILITY: GRANITE POINT TANK FARM

ATTN: JOHN ZAGER, GENERAL MANAGER

FROM

MM/DD/YYYY 12/01/2011

MM/DD/YYYY 12/31/2011

5

PERMIT NUMBER AKG315001

015-A

MONITORING PERIOD DISCHARGE NUMBER

DMR Mailing ZIP CODE: 99519 MINOR (SUBR 02)

External Outfall

PRODUCED WATER AND SAND

No Discharge X

PARAMETER		QUANT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION	NCENTRATION		Į Š	FREQUENCY OF ANALYSIS	SAMPLE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	STINU	ŗ		IYPE
Nitrogen, ammonia total (as N)	SAMPLE MEASUREMENT	******	****	*****	*****						
Effluent Gross	PERMIT	******	•	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Silver total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****						
01079 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	******		******	37 MO AVG	74 Dall V MY	ng/L		Monthly	GRAB
Silver total recoverable	SAMPLE	******	*****			110000	DOIL NA				
01079 P 0 See Comments	PERMIT	*****	******	******	***	37 MO AVG	74 DAILY MX	ng/L		Quarterly	CALCTD
Silver total recoverable	SAMPLE MEASUREMENT	•	******		****						
See Comments	PERMIT	900000		*****	•	37 MO AVG	74 DAILY MX	ηθη		Weekly	GRAB
Zinc, total recoverable	SAMPLE MEASUREMENT	******	**	*****	*****						
01094 1 0 Effluent Gross	PERMIT	•	******	*****	****	1.5 MO AVG	3.1 DAII Y MX	mg/L		Monthly	GRAB
Zinc, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	******						
01094 P 0 See Comments	PERMIT	******	*****	******	******	1.5 MO AVG	3.1 DAILY MX	mg/L		Monthly	GRAB
Zinc, total recoverable	SAMPLE MEASUREMENT	*****	****	****	*****						
01094 Q 0 See Comments	PERMIT	******	*****	****	*****	1.5 MO AVG	3.1 DAILY MX	mg/L		Quarteriy	GRAB

P=MONT. REDUCE (II. G. 6.a. 1.) Q=MONT INCREASE (II. G. 6.a. 2.) R=ACCELERATED TESTING (III.A.7) EPA Form 3320-1 (Rev.01/08) Provious editions may be used

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER
OR AUTHORIZED AGENT

AREA Code NUMBER

(907) 276-7600

01/19/2012 MW/DD/YYYY

DATE

TELEPHONE

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

John Zager, General Manager Mid Continent/Alaska Business Unit TYPED OR PRINTED

OMB No. 2040-0004 Form Approved

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: ADDRESS: P.O. BOX 196247 UNION OIL COMPANY OF CALIFORNIA (UNOCAL)

FACILITY: GRANITE POINT TANK FARM ANCHORAGE, AK 99519-6247

ATTN: JOHN ZAGER, GENERAL MANAGER LOCATION: COOK INLET, Alaska

FROM

5

MM/DD/YYYY 12/01/2011

MW/DD/YYYY 12/31/2011

AKG315001 PERMIT NUMBER

015-A

MONITORING PERIOD DISCHARGE NUMBER

(SUBR 02)

DMR Mailing ZIP CODE: 99519 MINOR

External Outfall PRODUCED WATER AND SAND

No Discharge X

PARAMETER		QUANT	QUANTITY OR LOADING			QUALITY OR COM	OR CONCENTRATION		Z ő	FREQUENCY OF ANALYSIS	SAMPLE
		VALUE	VALUE	STINU	VALUE	VALUE	VALUE	UNITS	5		7
Copper, total recoverable	SAMPLE MEASUREMENT	*****	***	•	*****						
01119 1 0 Effluent Gross	PERMIT	******	•	*****	*******	67 MO AVG	130 DAILY MX	ng/L		Monthly	GRAB
Copper, total recoverable	SAMPLE MEASUREMENT	*****	*****	-	****						
01119 P 0 See Comments	PERMIT	******	•	******	•	67 MO AVG	DAILY MX	ng/L		Quarterly	GRAB
Copper, total recoverable	SAMPLE MEASUREMENT	*****	****		*						
01119 Q 0 See Comments	PERMIT REQUIREMENT	*****		*****	****	67 MO AVG	130 DAILY MX	ng/L		Weekly	GRAB
Manganese, total recoverable	SAMPLE MEASUREMENT	****	•		****						
11123 1 0 Effluent Gross	PERMIT REQUIREMENT	*	*****	****	****	6.1 MO AVG	12.3 DAILY MX	mg/L		Monthly	GRAB
Manganese, total recoverable	SAMPLE MEASUREMENT		****	*****	*****						
11123 P 0 See Comments	PERMIT REQUIREMENT	******	******	******	******	6.1 MO AVG	12.3 DAILY MX	mg/L		Quarterly	GRAB
Manganese, total recoverable	SAMPLE MEASUREMENT	******	***	*****	*****						
11123 Q 0 See Comments	PERMIT	******		*****	******	6.1 MO AVG	12.3 DAILY MX	тувш		Weekly	GRAB
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	*****	****		***						
39942 1 0 Effluent Gross	PERMIT	******	*****			MO AVG	20 DAILY MX	mg/L		Monthly	GRAB

P=MONT. REDUCE (II.G.6.a.1.) Q=MONT INCREASE (II.G.6.a.2.) R=ACCELERATED TESTING (III.A.7) EPA Form 3320-1 (Rev.0109) Previous editions may be used

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Mid Continent/Alaska Business Unit John Zager, General Manager

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER
OR AUTHORIZED AGENT

AREA Code NUMBER

(907) 276-7600 TELEPHONE

01/19/2012 MM/DD/YYYY

DATE

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

ADDRESS: P.O. BOX 196247 UNION OIL COMPANY OF CALIFORNIA (UNOCAL)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

ATTN: JOHN ZAGER, GENERAL MANAGER LOCATION: COOK INLET, Alaska FACILITY: GRANITE POINT TANK FARM ANCHORAGE, AK 99519-6247

> AKG315001 PERMIT NUMBER MM/DD/YYYY MONITORING PERIOD DISCHARGE NUMBER

015-A

FROM

12/01/2011

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MM/DD/YYYY 12/31/2011

> DMR Mailing ZIP CODE: 99519 (SUBR 02)

External Outfall PRODUCED WATER AND SAND

No Discharge X

See Comments 71900 P 0 Mercury, total (as Hg) Effluent Gross Mercury, total (as Hg) Effluent Gross 71900 1 0 50259 Q 0 **Total Aqueous Hydrocarbons** Effluent Gross 50259 P 0 Total Aqueous Hydrocarbons 50259 1 0 See Comments
Total Aromatic Hydrocarbons Effluent Gross Total Aqueous Hydrocarbons See Comments 39942 Q 0 39942 P 0 Total Aromatic Hydrocarbons PARAMETER MEASUREMENT MEASUREMENT REQUIREMENT MEASUREMENT REQUIREMENT REQUIREMENT MEASUREMENT MEASUREMENT REQUIREMENT REQUIREMENT MEASUREMENT MEASUREMENT REQUIREMENT REQUIREMENT SAMPLE PERMIT SAMPLE PERMIT SAMPLE SAMPLE PERMIT PERMIT SAMPLE PERMIT SAMPLE PERMIT SAMPLE ***** VALUE ***** ***** **** ***** ***** QUANTITY OR LOADING ***** ***** VALUE ***** ***** ***** ***** ***** ***** UNITS ***** ***** **** ***** ***** ***** ***** ***** VALUE ***** ***** ***** ***** ***** ***** **** QUALITY OR CONCENTRATION Req. Mon. MO AVG Req. Mon. MO AVG Req. Mon MO AVG MO AVG MO AVG MO AVG MO AVG VALUE 7.9 DAILY MX DAILY MX Req. Mon. DAILY MX Req. Mon. DAILY MX 20 DAILY MX Req. Mon. DAILY MX 20 DAILY MX VALUE mg/L STIND ě 6 mg/L mg/L mg/L mg/L E S FREQUENCY OF ANALYSIS Quarterly Quarteriy Monthly Weekly Quarterly Weekly Monthly SAMPLE GRAB GRAB GRAB GRAB GRAB GRAB GRAB TYPE

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

I certify under penalty of liev that this document and all attachments were prepared under my direction or appertunon accordance with a system designed to assure that qualified personnel property gather and evaluate

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AREA Code NUMBER (907) 276-7600

01/19/2012

DATE

MM/DD/YYYY

TELEPHONE

Mid Continent/Alaska Business Unit John Zager, General Manager TYPED OR PRINTED

OMB No. 2040-0004 Form Approved

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ADDRESS: ANCHORAGE, AK 99519-6247 P.O. BOX 196247 UNION OIL COMPANY OF CALIFORNIA (UNOCAL)

LOCATION: COOK INLET, Alaska FACILITY: GRANITE POINT TANK FARM

ATTN: JOHN ZAGER, GENERAL MANAGER

FROM

12/01/2011

PERMIT NUMBER AKG315001

DISCHARGE NUMBER 015-A

MM/DD/YYYY MONITORING PERIOD 5 MM/DD/YYYY 12/31/2011

> DMR Mailing ZIP CODE: 99519 MINOR

PRODUCED WATER AND SAND (SUBR 02)

External Outfall

No Discharge X

MEA MEA	C vincialis	c****	a vincialis	a C****	<i>a</i>		SAMPLE SAMPLE	RE	Dendraster excentricus MEASUREMENT	See Comments REQUIREMENT	MEASUREMENT MEASUREMENT		PARAMETER
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		1341 MO AVG		1341 MO AVG**		1341 MO AVG**	F 1	1341 MO AVG**		3.1 MO AVG		VALUE	QUALITY OR CONCENTRATION
2601		2691 DAILY MX		2691 DAILY MX**		2691 DAILY MX**		2691 DAILY MX**		7.9 DAILY MX		VALUE	NCENTRATION
toxic		toxic		toxic		toxic		toxic		ng/L		STINU	
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Coo Domii		See Permit		See Permit		See Permit		See Permit		Weekly			FREQUENCY OF ANALYSIS
GRAB		GRAB		GRAB		GRAB		GRAB		GRAB		177	SAMPLE

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Mid Continent/Alaska Business Unit John Zager, General Manager TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER
OR AUTHORIZED AGENT

AREA Code NUMBER (907) 276-7600

01/19/2012 WWWDDWYY

DATE

TELEPHONE

[&]quot;Section II.F.4 of the permit.

^{***}Granite Point Tank Farm conducted its annual three species WET testing in August 2011. Results were reported on the September 2011 DMR. Quarterly single species WET testing was conducted in October 2011 and results were reported on the REDUCE (II.G.6.a.1.)
Q=MONIT INCREASE (II.G.6.a.2.)
R=ACCELERATED TESTING (III.A.7)

EPA Form 3320-1 (Rev.01/06) Previous editions may be used